

## Abstract of the Disclosure

A sensor arrangement for application to at least one data item, and comprising at least one sensitive element connected by way of sensor electronic circuitry having a storage arrangement with an input/output port. This input/output port of the sensor arrangement is able to be connected by a line arrangement having at least three lines, with an external electrical or electronic device with an external electrical device, two lines being adapted for use as power supply lines and at least one third line being adapted for the transmission of sensor signals to the electrical device. By way of an external parametrization means, able to be connected with the at least one sensor signal line, parametrization signals may be supplied to the sensor electronic circuitry in order to parametrize the sensor arrangement by the storage of parametrization values. Accordingly sensor arrangement may be parametrized or re-parametrized fitting without any additional line or wireless transmission path being necessary.

Figure 2